

Part 4

Boundaries

Standards for 1:24,000-Scale Digital Line Graphs-3 Core

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4. BOUNDARIES--MAJOR CODE 090

4.1 General Principles

Civil boundaries are the limiting lines of jurisdictional authority for the various levels of government. The international boundaries of the United States were established through treaties made by the nations concerned, and State boundaries have been defined by the Congress of the United States. Subdivisions within the States, counties or county equivalents, can be further divided into minor civil subdivisions. Incorporated places include cities, towns, and villages. Incorporated places can be within, exclusive of, or coextensive with, the county or minor civil division in which they are located. Quadrangle maps show only subdivisions that are reasonably stable. Refer to appendix 4.A for more specific information on the civil divisions of the States, the District of Columbia, the Outlying Areas of the United States, the Freely Associated States, and the Trust Territory.

Generic examples of the kinds of reservations that are associated with each reservation type, regardless of jurisdiction, are included in the appropriate templates under Source Interpretation Guidelines, All. Refer to appendix 4.B for a listing of the generic examples of the various kinds of reservations and their associated DLG-3 codes. Appendix 4.B is divided into separate parts for national, State, and county reservations.

When bounded areas of different rank coincide, the major/minor attribute codes describing the element types are encoded in ascending order by rank, beginning in the first position, as follows: large park; other reservation; Federal reservation; city or incorporated place; township or minor civil division; county, parish, borough, and municipio; State, commonwealth, and territory; and national. The ordering of further attributes needed to describe bounded areas is not significant.

Where boundaries of two or more units of different rank coincide, only the symbol for the higher ranking unit boundary is shown on the map. Boundaries are ranked in the following order: national; State, commonwealth, and territory; county, parish, borough, and municipio; township or minor civil division; city or incorporated place; Federal reservation; other reservation; and large park.

4.1.1 Node Attribute Codes

There are no general principles that apply to the node attribute code.

4.1.2 Area Attribute Codes

All areas in this category are attributed. The codes for Canada, Mexico, and Open Water are

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independent codes, and no other codes are applied to these areas. A database of codes for States, counties, primary county divisions, named populated places, and other locational entities of the United States and outlying areas is maintained by the National Institute of Standards and Technology (NIST) of the U.S. Department of Commerce and issued as Federal Information Processing Standards Publications (FIPS PUBS) after approval by the Secretary of Commerce. Coastal water areas may occasionally require only the State FIPS code. All land areas require State and county FIPS codes as a minimum and additional codes as needed to describe the area. For example, a large park in an incorporated city that is part of an active township will be coded with State FIPS, county FIPS, incorporated city code, township code, township FIPS, and the large park code.

National, State, and county reservations are all shown with the same symbology. If the reservation boundary also has pink stippling, it is a national reservation. However, the pink stippling has not always been used, so many national areas are shown without the stippling. The name of the reservation may indicate jurisdiction but often does not. Ancillary sources may be required to determine jurisdiction.

It is not uncommon for a reservation to be shown as completely overlapping, partially overlapping, or entirely within another reservation. It may be difficult to determine if the area in question is part of just one of the reservations, or both. However, for forests and parks, any area within the proclamation boundaries is considered to be part of the forest or park. Therefore, any other reservations shown within a forest or park are coded with both the forest or park code appropriate for the jurisdiction and any additional reservation code or codes that apply.

Areas normally shown with the reservation boundary symbology may be shown with a dashed line if the area is quite small.

The use of the common attribute code for outside area is discussed in Part 1: Data Description and Template Development.

4.1.3 Line Attribute Codes

Boundary lines are not attributed if they are implicitly defined by the bounding area. For example, a civil township boundary is deducible as such from the area codes on either side of it.

4.1.4 Single-Point (Degenerate Line) Attribute Codes

There are no general principles that apply to the single-point attribute code.

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4.1.5 General Purpose Attribute Codes

There are no general purpose attribute codes.

4.1.6 Descriptive Attribute Codes

There are no descriptive attribute codes.

4.1.7 Parameter Attribute Codes

There are no general principles that apply to the parameter attribute codes.

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4.1.8 List of Boundary Attribute Codes

○ Node Attribute Codes

090 0001 Boundary Monument

○ Area Attribute Codes

000 0000 Outside Area

090 0100 Civil Township, District, Precinct, or Barrio

090 0101 Incorporated City, Village, Town, Borough, or Hamlet

090 0103 National Park

090 0104 National Forest

090 0105 National Wildlife Area

090 0106 National Wilderness Area

090 0107 Indian Reservation

090 0108 Military Reservation

090 0110 Federal Prison

090 0111 Miscellaneous Federal Reservation

090 0129 Miscellaneous State Reservation

090 0130 State Park

090 0131 State Wildlife Area

090 0132 State Forest

090 0133 State Prison

090 0134 Miscellaneous County Reservation

090 0150 Large Park

090 0197 Canada

090 0198 Mexico

090 0199 Open Water

○ Line Attribute Codes

090 0201 Indefinite or Approximate Boundary

090 0202 Disputed Boundary

090 0203 Historical Line

090 0204 Boundary Closure Line

○ Single-Point (Degenerate Line) Attribute Codes

090 0301 Reference Monument for Boundary Point

○ General Purpose Attribute Codes

There are no general purpose codes

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- Descriptive Attribute Codes

There are no descriptive codes

- Parameter Attribute Codes

091 00-- State or State Equivalent FIPS Code

092 0--- County or County Equivalent FIPS Code

093 00-- Civil Township or Civil Township Equivalent FIPS Code, First Two Digits

094 0--- Civil Township or Civil Township Equivalent FIPS Code, Last Three Digits

095 ---- Monument Number

096 XXYY Alphabetic Portion of Any Monument Number

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4.2 Attribute Coding

This section contains the DLG-3 Core boundary attribute coding descriptions. They are listed in alphabetical order, according to the DLG-3 Core elements for which they apply.

090 0204 Boundary Closure Line

This code identifies a line digitized to complete unclosed boundaries.

DELINEATION

The limit of a Boundary Closure Line is that part of a boundary line not shown on a graphic, with the exception of where a boundary is broken for a label.

DATA EXTRACTION

Capture Conditions

Capture all.

Attribute Information

N/A

Representation Conditions

A Boundary Closure Line is always represented as a line.

Source Interpretation Guidelines

All

N/A

Graphic

The Boundary Closure Line code is used wherever a boundary line is not shown on the map. The only exception is where a boundary is broken for a label, such as in the center of a stream; in this case the unattributed line is carried through the center of the label.

Where a boundary is not shown on the graphic because of a symbol conflict with a higher order element, such as a shoreline, road, or railroad, the shoreline, the centerline of the road, or the railroad is followed and assigned the Boundary Closure Line code.

If a boundary line comes up to another element, and the symbolized boundary line turns the corner and is then dropped, the Boundary Closure Line is collected from the point where the boundary turns the corner or intersects the second element. The unattributed line is not carried around the corner.

All States extend at least 3 miles into open water, so they are treated as extending into the open water to the quadrangle edge. Counties may or may not extend into the open water. The digital treatment is based on the graphic treatment.

If a quadrangle lies entirely within one State, and the county boundary stops at the shoreline, the shoreline is digitized and assigned the Boundary Closure Line code. The offshore area is assigned the State FIPS only.

In the case of a national or State boundary that stops at a shoreline, a line approximating the shoreline is digitized and assigned the Boundary Closure Line. The offshore area is then coded 090 0199 (Open Water).

In the case where a national, State, or county boundary is extended out from the shore and dropped, an arbitrary line is digitized by extending the line from the drop point to the quadrangle neatline and is assigned the Boundary Closure Line code. The water area within the boundary is given the same codes as the equivalent land area.

Offshore islands are included with the onshore political entity, even where the political boundaries stop at the shoreline. Extend the Boundary Closure Line to include any coastal elements that can logically be assumed to be within the political entity.

An offshore island without a boundary but labeled as a park, wildlife area, or so on is assigned the appropriate park or wildlife area code and otherwise coded consistently with the onshore political entity. A line that follows the shoreline is digitized and assigned the Boundary Closure Line code.

Revision

N/A

090 0001 Boundary Monument

This code identifies a physical monument that marks the location of a point determined by surveying.

DELINEATION

The limit of a Boundary Monument is the extent of the marker.

DATA EXTRACTION

Capture Conditions

Capture all.

Attribute Information

If the monument is numbered, also use the following parameter codes:

095 ---- Monument Number. Enter the one- to four-digit monument number, flush right (for example, monument number 32 would be attributed as 095 0032).

096 XXYY Alphabetic Portion of Any Monument Number. Enter the one or two letters of the alphabetic portion of any monument number, by substituting numbers for the letters as follows:

00 = Blank, 01 = A, 02 = B, 03 = C, 04 = D, 05 = E, 06 = F, 07 = G, 08 = H, 09 = I, 10 = J, 11 = K, 12 = L, 13 = M, 14 = N, 15 = O, 16 = P, 17 = Q, 18 = R, 19 = S, 20 = T, 21 = U, 22 = V, 23 = W, 24 = X, 25 = Y, 26 = Z.

If one letter is encoded it will be entered in the YY portion of the code with blank coded into the XX portion. This code is used with the appropriate code 095 ----, if the monument designation is mixed numeric and alphabetic; this code precedes or follows the code for the numeric portion of the monument number in accordance with its actual position.

Representation Conditions

A Boundary Monument is always represented as a node.

Source Interpretation Guidelines

All

International boundaries will occasionally have points on the boundary that are over water. These points are captured as Boundary Monument. These points will also have a reference monument in the vicinity (see code 090 0301).

Graphic

Capture all. Located object symbols with numbers on international boundaries are captured as Boundary Monument.

Revision

Revise existing Boundary Monuments only if associated boundary has been moved. Otherwise retain existing Boundary Monuments.

090 0197 Canada

This code identifies an area under the jurisdiction of Canada.

DELINEATION

The limit of Canada is the extent of jurisdictional authority.

DATA EXTRACTION

Capture Conditions

Capture all.

Attribute Information

N/A

Representation Conditions

Canada is always represented as an area.

Source Interpretation Guidelines

All

N/A

Graphic

N/A

Revision

N/A

090 0100 Civil Township, District, Precinct, or Barrio

This code identifies the third-order division of a nation.

DELINEATION

The limit of Civil Township, District, Precinct, or Barrio is the extent of jurisdictional authority.

DATA EXTRACTION

Capture Conditions

- Current status
- Location

If a Civil Township, District, Precinct, or Barrio has an active government and is not in Nebraska, or is in West Virginia,
Then capture.

Attribute Information

The following parameter codes are used in addition to 090 0100:

- 091 00-- State or State Equivalent FIPS Code
- 092 0--- County or County Equivalent FIPS Code
- 093 00-- Civil Township or Civil Township Equivalent FIPS Code, First Two Digits
- 094 0--- Civil Township or Civil Township Equivalent FIPS Code, Last Three Digits

Representation Conditions

A Civil Township, District, Precinct, or Barrio is always represented as an area.

Source Interpretation Guidelines

All

See appendix 4.A for information on the civil divisions for each State or State equivalent.

If an Incorporated City, Village, Town, Borough, or Hamlet (090 0101) is equivalent to a Civil Township, District, Precinct, or Barrio (090 0100),
Then capture both.

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Civil Township, District, Precinct, or Barrio

Graphic

N/A

Revision

N/A

090 0202 Disputed Boundary

This code identifies an international, State, county, or national reservation boundary that is unmarked and cannot be located on the ground from other substantial evidence, that has a disputed location, or for which the recorded description cannot be reconciled with local conditions.

DELINEATION

The limit of a Disputed Boundary is that part of a boundary line that has not been approved or accepted by the delegated authority because of conflicting or unclear legal definitions.

DATA EXTRACTION

Capture Conditions

- Relationship to other elements

If a Disputed Boundary is part of a current boundary line,
Then capture.

Attribute Information

N/A

Representation Conditions

A Disputed Boundary is always represented as a line.

Source Interpretation Guidelines

All

Capture a Disputed Boundary as a straight line connecting the ends of the nondisputed or determined parts of the boundary line. If only one end is within the domain, then capture the Disputed Boundary as a straight line from the nondisputed or determined parts of the boundary line to the neatline. If none of the nondisputed or determined parts of the boundary line are within the domain, then capture the Disputed Boundary as a straight line or series of straight lines in the general area of the boundary. No attempt should be made to follow natural elements.

Graphic

If the land part of a State or county boundary is symbolized with an indefinite boundary line symbol and a note in the margin indicates the line is in dispute,
Then capture the Disputed Boundary in the position shown on graphic.

If the land part of a State or county boundary has been dropped and it is indicated that the dropped part is in dispute,
Then capture the Disputed Boundary as a straight line connecting the ends of the nondisputed or determined parts of the boundary line.

The seaward parts of the international boundary between the United States and Canada are in dispute. They have sometimes been dropped and sometimes shown with labels, such as “Approximate” or “Proposed.” Capture the portrayed lines as Disputed Boundaries. Do not capture the dropped lines as Disputed Boundaries.

Revision

N/A

090 0110 Federal Prison

This code identifies an area for housing persons convicted and sentenced for Federal crimes.

DELINEATION

The limit of a Federal Prison is the area designated for housing persons convicted and sentenced for Federal crimes.

DATA EXTRACTION

Capture Conditions

Capture all.

Attribute Information

The following parameter codes are always used in addition to 090 0110:

- 091 00-- State or State Equivalent FIPS Code
- 092 0--- County or County Equivalent FIPS Code

The following parameter codes are used in addition to 090 0110 if a civil township or equivalent is captured:

- 093 00-- Civil Township or Civil Township Equivalent FIPS Code, First Two Digits
- 094 0--- Civil Township or Civil Township Equivalent FIPS Code, Last Three Digits

Representation Conditions

A Federal Prison is always represented as an area.

Source Interpretation Guidelines

All

See appendix 4.B for a listing of various reservations and equivalent attribute codes.

Graphic

N/A

Revision

N/A

090 0203 Historical Line

This code identifies the Von Schmidt line along the California and Nevada border.

DELINEATION

The limit of an Historical Line is the extent of the Von Schmidt line along the California and Nevada border.

DATA EXTRACTION

Capture Conditions

- Type/category of element

If an Historical Line is the Von Schmidt boundary line of California and Nevada,
Then capture.

Attribute Information

N/A

Representation Conditions

A Historical Line is always represented as a line.

Source Interpretation Guidelines

All

N/A

Graphic

Historical boundaries, such as former Indian, military, or lighthouse reservations, shown on maps with the land grant or section line symbol and labeled, are not collected in the Boundaries overlay. The limiting lines of these areas may be reflected in the PLSS overlay where they form the limit of subdivisions of the rectangular system of surveys. Where these lines do not form the limit of a subdivision of a rectangular survey, they are not collected in any category.

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Historical Line

Revision

N/A

090 0101 Incorporated City, Village, Town, Borough, or Hamlet

This code identifies an incorporated, populated place such as a city, village, town, borough, or hamlet including an independent city.

DELINEATION

The limit of an Incorporated City, Village, Town, Borough, or Hamlet is the extent of jurisdictional authority.

DATA EXTRACTION

Capture Conditions

Capture all.

Attribute Information

The following parameter codes are always used in addition to 090 0101:

091 00-- State or State Equivalent FIPS Code

092 0--- County or County Equivalent FIPS Code

The following parameter codes are used in addition to 090 0101 if a civil township or equivalent is captured:

093 00-- Civil Township or Civil Township Equivalent FIPS Code, First Two Digits

094 0--- Civil Township or Civil Township Equivalent FIPS Code, Last Three Digits

Representation Conditions

An Incorporated City, Village, Town, Borough, or Hamlet is always represented as an area.

Source Interpretation Guidelines

All

See appendix 4.A for information on the civil divisions for each State or State equivalent.

Graphic

N/A

Revision

N/A

090 0201 Indefinite or Approximate Boundary

This code identifies that part of a boundary for which the accuracy of location does not meet National Map Accuracy Standards for well-defined elements.

DELINEATION

The limit of an Indefinite or Approximate Boundary is as defined by law or proclamation.

DATA EXTRACTION

Capture Conditions

- Relationship to other elements

If an Indefinite or Approximate Boundary is part of a current boundary,
Then capture.

Attribute Information

N/A

Representation Conditions

An Indefinite or Approximate Boundary is always represented as a line.

Source Interpretation Guidelines

All

N/A

Graphic

Indefinite boundaries of county rank or higher appear with standard symbolization but reduced to one-half of the specified lineweight and labeled "Indefinite Boundary" or "Approximate Boundary." Those of less than county rank are shown with normal symbolization and lineweight and are labeled "Indefinite Boundary."

Boundaries labeled “Indefinite” on a map with an additional marginal note should not be captured as Indefinite or Approximate Boundary. See Disputed Boundary (090 0202).

Revision

N/A

090 0107 Indian Reservation

This code identifies bounded land set aside as Indian lands (as defined by the Bureau of Indian Affairs).

DELINEATION

The limit of an Indian Reservation is the extent of jurisdictional authority.

DATA EXTRACTION

Capture Conditions

Capture all.

Attribute Information

The following parameter codes are always used in addition to 090 0107:

- 091 00-- State or State Equivalent FIPS Code
- 092 0--- County or County Equivalent FIPS Code

The following parameter codes are used in addition to 090 0107 if a civil township or equivalent is captured:

- 093 00-- Civil Township or Civil Township Equivalent FIPS Code, First Two Digits
- 094 0--- Civil Township or Civil Township Equivalent FIPS Code, Last Three Digits

Representation Conditions

An Indian Reservation is always represented as an area.

Source Interpretation Guidelines

All

See appendix 4.B for a listing of various reservations and equivalent attribute codes.

Nonreservation areas completely surrounded by an Indian Reservation, which are < 0.1" along the shortest axis, are collected as part of an Indian Reservation.

Rancherias are a type of Indian Reservation found only in California.

Former Indian reservations are not collected.

Indian lands may coincide with another reservation type. In these cases, data extraction and symbolization are determined on a case-by-case basis.

Do not capture Indian allotments as Indian Reservations. See Indian Allotment in the U.S. Public Land Survey System theme.

Graphic

Historical boundaries shown with solid red lines and labeled "Old Indian Reservation Boundary" or "Old Indian Treaty Boundary" on maps are not collected in the Boundaries overlay. The limiting lines of these areas may be reflected in the PLSS overlay where they form the limit of subdivisions of the rectangular system of surveys. Where these lines do not form the limit of a subdivision of a rectangular survey, they are not collected in any category.

Revision

N/A

090 0150 Large Park

This code identifies bounded land set aside for public recreation and preservation of cultural or natural resources.

DELINEATION

The limit of a Large Park is the extent of jurisdictional authority.

DATA EXTRACTION

Capture Conditions

- Type/category of element
- Size

If a Large Park is a regional, county, or city park, and is ≥ 0.5 square mile in total area,
Then capture.

Attribute Information

If a Large Park is within an Incorporated City, Village, Town, Borough, or Hamlet add code 090 0101.

The following parameter codes are always used in addition to 090 0150:

- 091 00-- State or State Equivalent FIPS Code
- 092 0--- County or County Equivalent FIPS Code

The following parameter codes are used in addition to 090 0150 if a civil township or equivalent is captured:

- 093 00-- Civil Township or Civil Township Equivalent FIPS Code, First Two Digits
- 094 0--- Civil Township or Civil Township Equivalent FIPS Code, Last Three Digits

Representation Conditions

A Large Park is always represented as an area.

Source Interpretation Guidelines

All

See appendix 4.B for a listing of various reservations and equivalent attribute codes.

Large Parks are known by several generics, such as park, parkway, and recreation area.

Private parks are not collected.

Athletic fields are not collected.

Graphic

If the boundary is not symbolized, the park may be delineated by cleared tint or by corner ticks indicating what part of the cleared area is used as a park. This element will always be labeled "Park" or named. In some cases, named parks may have the term "field" in their name, rather than the term "park" (for example, "Farwell Field"). Some judgement must be used in determining if a named field is a park or an athletic field.

Revision

Do not revise. Retain existing elements.

090 0198 Mexico

This code identifies an area under the jurisdiction of Mexico.

DELINEATION

The limit of Mexico is the extent of jurisdictional authority.

DATA EXTRACTION

Capture Conditions

Capture all.

Attribute Information

N/A

Representation Conditions

Mexico is always represented as an area.

Source Interpretation Guidelines

All

N/A

Graphic

N/A

Revision

N/A

090 0108 Military Reservation

This code identifies an area for carrying out military activities.

DELINEATION

The limit of a Military Reservation is the extent of jurisdictional authority.

DATA EXTRACTION

Capture Conditions

Capture all.

Attribute Information

The following parameter codes are always used in addition to 090 0108:

- 091 00-- State or State Equivalent FIPS Code
- 092 0--- County or County Equivalent FIPS Code

The following parameter codes are used in addition to 090 0108 if a civil township or equivalent is captured:

- 093 00-- Civil Township or Civil Township Equivalent FIPS Code, First Two Digits
- 094 0--- Civil Township or Civil Township Equivalent FIPS Code, Last Three Digits

Representation Conditions

A Military Reservation is always represented as an area.

Source Interpretation Guidelines

All

See appendix 4.B for a listing of various reservations and equivalent attribute codes.

Military Reservations are known by several generics, such as Air Force Base, ammunition depot, arsenal, bombing and gunnery range, Coast Guard Station, fort, military airfield, military reservation, National Guard Training Site, Naval Air Station, and weapons station.

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Military Reservation

Graphic

N/A

Revision

N/A

090 0134 Miscellaneous County Reservation

This code identifies bounded land set aside for a particular purpose and administered by a county.

DELINEATION

The limit of a Miscellaneous County Reservation is the extent of jurisdictional authority.

DATA EXTRACTION

Capture Conditions

- Type/category of element
- Size

If a Miscellaneous County Reservation is a cemetery, forest, game preserve, game refuge, or hospital, and is ≥ 0.5 square mile in total area,
Then capture.

Attribute Information

The following parameter codes are always used in addition to 090 0134:

- 091 00-- State or State Equivalent FIPS Code
- 092 0--- County or County Equivalent FIPS Code

The following parameter codes are used in addition to 090 0134 if a civil township or equivalent is captured:

- 093 00-- Civil Township or Civil Township Equivalent FIPS Code, First Two Digits
- 094 0--- Civil Township or Civil Township Equivalent FIPS Code, Last Three Digits

Representation Conditions

A Miscellaneous County Reservation is always represented as an area.

Source Interpretation Guidelines

All

See appendix 4.B for a listing of various reservations and equivalent attribute codes.

Do not collect county parks or county recreation areas as Miscellaneous County Reservations. See Large Park.

Graphic

N/A

Revision

N/A

090 0111 Miscellaneous Federal Reservation

This code identifies bounded land set aside for a particular purpose and administered by a Federal agency.

DELINEATION

The limit of a Miscellaneous Federal Reservation is the extent of jurisdictional authority.

DATA EXTRACTION

Capture Conditions

- Type/category of element

If a Miscellaneous Federal Reservation is a cemetery, Corps of Engineers area, Department of Energy area, experimental and research area (except research natural area administered by the U.S. Forest Service), hospital, or scenic research area,
Then capture.

Attribute Information

The following parameter codes are always used in addition to 090 0111:

- 091 00-- State or State Equivalent FIPS Code
- 092 0--- County or County Equivalent FIPS Code

The following parameter codes are used in addition to 090 0111 if a civil township or equivalent is captured:

- 093 00-- Civil Township or Civil Township Equivalent FIPS Code, First Two Digits
- 094 0--- Civil Township or Civil Township Equivalent FIPS Code, Last Three Digits

Representation Conditions

A Miscellaneous Federal Reservation is always represented as an area.

Source Interpretation Guidelines

All

See appendix 4.B for a listing of various reservations and equivalent attribute codes.

Graphic

N/A

Revision

N/A

090 0129 Miscellaneous State Reservation

This code identifies bounded land set aside for a particular purpose and administered by a State agency.

DELINEATION

The limit of a Miscellaneous State Reservation is the extent of jurisdictional authority.

DATA EXTRACTION

Capture Conditions

- Type/category of element

If a Miscellaneous State Reservation is a cemetery, historic site, hospital, or Indian reservation,
Then capture.

Attribute Information

The following parameter codes are always used in addition to 090 0129:

- 091 00-- State or State Equivalent FIPS Code
- 092 0--- County or County Equivalent FIPS Code

The following parameter codes are used in addition to 090 0129 if a civil township or equivalent is captured:

- 093 00-- Civil Township or Civil Township Equivalent FIPS Code, First Two Digits
- 094 0--- Civil Township or Civil Township Equivalent FIPS Code, Last Three Digits

Representation Conditions

A Miscellaneous State Reservation is always represented as an area.

Source Interpretation Guidelines

All

See appendix 4.B for a listing of various reservations and equivalent attribute codes.

Standards for 1:24,000-Scale Digital Line Graphs-3 Core
Part 4: Boundaries

Miscellaneous State Reservation

Graphic

N/A

Revision

N/A

090 0104 National Forest

This code identifies bounded land, administered by a Federal agency, that is set aside for the management of native grasses and (or) forest resources.

DELINEATION

The limit of a National Forest is the extent of jurisdictional authority.

DATA EXTRACTION

Capture Conditions

Capture all.

Attribute Information

The following parameter codes are always used in addition to 090 0104:

- 091 00-- State or State Equivalent FIPS Code
- 092 0--- County or County Equivalent FIPS Code

The following parameter codes are used in addition to 090 0104 if a civil township or equivalent is captured:

- 093 00-- Civil Township or Civil Township Equivalent FIPS Code, First Two Digits
- 094 0--- Civil Township or Civil Township Equivalent FIPS Code, Last Three Digits

Representation Conditions

A National Forest is always represented as an area.

Source Interpretation Guidelines

All

See appendix 4.B for a listing of various reservations and equivalent attribute codes.

Standards for 1:24,000-Scale Digital Line Graphs-3 Core
Part 4: Boundaries

National Forest

Graphic

N/A

Revision

N/A

090 0103 National Park

This code identifies bounded land, administered by a Federal agency, that is set aside for public recreation and preservation of a cultural or natural resource.

DELINEATION

The limit of a National Park is the extent of jurisdictional authority.

DATA EXTRACTION

Capture Conditions

Capture all.

Attribute Information

The following parameter codes are always used in addition to 090 0103:

- 091 00-- State or State Equivalent FIPS Code
- 092 0--- County or County Equivalent FIPS Code

The following parameter codes are used in addition to 090 0103 if a civil township or equivalent is captured:

- 093 00-- Civil Township or Civil Township Equivalent FIPS Code, First Two Digits
- 094 0--- Civil Township or Civil Township Equivalent FIPS Code, Last Three Digits

Representation Conditions

A National Park is always represented as an area.

Source Interpretation Guidelines

All

See appendix 4.B for a listing of various reservations and equivalent attribute codes.

A National Park is also known by the following generics: battlefield, battlefield park, battlefield site, historical park, historic site, lakeshore, memorial, monument, seashore, and zoo.

Standards for 1:24,000-Scale Digital Line Graphs-3 Core
Part 4: Boundaries

National Park

Graphic

N/A

Revision

N/A

090 0106 National Wilderness Area

This code identifies bounded land, administered by a Federal agency, that is virtually unsettled and uncultivated (natural).

DELINEATION

The limit of a National Wilderness Area is the extent of jurisdictional authority.

DATA EXTRACTION

Capture Conditions

Capture all.

Attribute Information

The following parameter codes are always used in addition to 090 0106:

- 091 00-- State or State Equivalent FIPS Code
- 092 0--- County or County Equivalent FIPS Code

The following parameter codes are used in addition to 090 0106 if a civil township or equivalent is captured:

- 093 00-- Civil Township or Civil Township Equivalent FIPS Code, First Two Digits
- 094 0--- Civil Township or Civil Township Equivalent FIPS Code, Last Three Digits

Representation Conditions

A National Wilderness Area is always represented as an area.

Source Interpretation Guidelines

All

See appendix 4.B for a listing of various reservations and equivalent attribute codes.

A National Wilderness Area is also known by the following generics: primitive, wild and scenic, scenic river, and scenic riverway.

Standards for 1:24,000-Scale Digital Line Graphs-3 Core
Part 4: Boundaries

National Wilderness Area

Graphic

N/A

Revision

N/A

090 0105 National Wildlife Area

This code identifies bounded land, administered by a Federal agency, that is primarily for wildlife management or preservation.

DELINEATION

The limit of a National Wildlife Area is the extent of jurisdictional authority.

DATA EXTRACTION

Capture Conditions

Capture all.

Attribute Information

The following parameter codes are always used in addition to 090 0105:

- 091 00-- State or State Equivalent FIPS Code
- 092 0--- County or County Equivalent FIPS Code

The following parameter codes are used in addition to 090 0105 if a civil township or equivalent is captured:

- 093 00-- Civil Township or Civil Township Equivalent FIPS Code, First Two Digits
- 094 0--- Civil Township or Civil Township Equivalent FIPS Code, Last Three Digits

Representation Conditions

A National Wildlife Area is always represented as an area.

Source Interpretation Guidelines

All

See appendix 4.B for a listing of various reservations and equivalent attribute codes.

A National Wildlife Area is also known by the following generics: conservation area, fish hatchery, game preserve, game refuge, hunting/fishing area, reserve, wild horse range, wildlife management area, wildlife range, wildlife refuge, wildlife research center, or wildlife sanctuary.

Standards for 1:24,000-Scale Digital Line Graphs-3 Core
Part 4: Boundaries

National Wildlife Area

Graphic

N/A

Revision

N/A

090 0199 Open Water

This code identifies a water area on coastal quadrangles, where State boundaries are dropped at the shoreline.

DELINEATION

The limit of an Open Water is the extent of the water area from the shoreline to the neatline, when a State boundary line is dropped at the shoreline.

DATA EXTRACTION

Capture Conditions

Capture all.

Attribute Information

No additional codes can be used with 090 0199.

Representation Conditions

Open Water is always represented as an area.

Source Interpretation Guidelines

All

N/A

Graphic

N/A

Revision

N/A

090 0301 Reference Monument for Boundary Point

This code identifies a monumented point, not on a boundary line, that serves as a reference to establish the location of a point on a boundary line.

DELINEATION

The limit of a Reference Monument for Boundary Point is the extent of the marker.

DATA EXTRACTION

Capture Conditions

Capture all.

Attribute Information

If the monument is numbered, also use the following parameter codes:

095 ---- Monument Number. Enter the one- to four-digit monument number, flush right (for example, monument number 32 would be attributed as 095 0032).

096 XXYY Alphabetic Portion of Any Monument Number. Enter the one or two letters of the alphabetic portion of any monument number, by substituting numbers for the letters as follows:

00 = Blank, 01 = A, 02 = B, 03 = C, 04 = D, 05 = E, 06 = F, 07 = G, 08 = H, 09 = I, 10 = J, 11 = K, 12 = L, 13 = M, 14 = N, 15 = O, 16 = P, 17 = Q, 18 = R, 19 = S, 20 = T, 21 = U, 22 = V, 23 = W, 24 = X, 25 = Y, 26 = Z.

If one letter is encoded it will be entered in the YY portion of the code with blank coded into the XX portion. This code is used with the appropriate code 095 ----, if the monument designation is mixed numeric and alphabetic; this code precedes or follows the code for the numeric portion of the monument number in accordance with its actual position.

Representation Conditions

A Reference Monument for Boundary Point is always represented as a degenerate line.

Source Interpretation Guidelines

All

Occasionally, a boundary will be moved, and as a result a boundary monument that serves to reference a point on the boundary is no longer located on the boundary line. When this occurs, the boundary monument is collected as a Reference Monument for a Boundary Point.

Graphic

N/A

Revision

N/A

090 0132 State Forest

This code identifies bounded land, administered by a State agency, that is set aside for the management of native grasses and (or) forest resources.

DELINEATION

The limit of a State Forest is the extent of the jurisdictional authority.

DATA EXTRACTION

Capture Conditions

Capture all.

Attribute Information

The following parameter codes are always used in addition to 090 0132:

- 091 00-- State or State Equivalent FIPS Code
- 092 0--- County or County Equivalent FIPS Code

The following parameter codes are used in addition to 090 0132 if a civil township or equivalent is captured:

- 093 00-- Civil Township or Civil Township Equivalent FIPS Code, First Two Digits
- 094 0--- Civil Township or Civil Township Equivalent FIPS Code, Last Three Digits

Representation Conditions

A State Forest is always represented as an area.

Source Interpretation Guidelines

All

See appendix 4.B for a listing of various reservations and equivalent attribute codes.

Graphic

N/A

Revision

N/A

090 0130 State Park

This code identifies bounded land, administered by a State agency, that is set aside for public recreation and preservation of a cultural or natural resource.

DELINEATION

The limit of a State Park is the extent of jurisdictional authority.

DATA EXTRACTION

Capture Conditions

Capture all.

Attribute Information

The following parameter codes are always used in addition to 090 0130:

- 091 00-- State or State Equivalent FIPS Code
- 092 0--- County or County Equivalent FIPS Code

The following parameter codes are used in addition to 090 0130 if a civil township or equivalent is captured:

- 093 00-- Civil Township or Civil Township Equivalent FIPS Code, First Two Digits
- 094 0--- Civil Township or Civil Township Equivalent FIPS Code, Last Three Digits

Representation Conditions

A State Park is always represented as an area.

Source Interpretation Guidelines

All

See appendix 4.B for a listing of various reservations and equivalent attribute codes.

State Parks are known by several generics, such as park, memorial, and recreation area.

Standards for 1:24,000-Scale Digital Line Graphs-3 Core
Part 4: Boundaries

State Park

Graphic

N/A

Revision

N/A

090 0133 State Prison

This code identifies an area for housing persons convicted and sentenced for State crimes.

DELINEATION

The limit of a State Prison is the area designated for housing persons convicted and sentenced for State crimes.

DATA EXTRACTION

Capture Conditions

Capture all.

Attribute Information

The following parameter codes are always used in addition to 090 0133:

- 091 00-- State or State Equivalent FIPS Code
- 092 0--- County or County Equivalent FIPS Code

The following parameter codes are used in addition to 090 0133 if a civil township or equivalent is captured:

- 093 00-- Civil Township or Civil Township Equivalent FIPS Code, First Two Digits
- 094 0--- Civil Township or Civil Township Equivalent FIPS Code, Last Three Digits

Representation Conditions

A State Prison is always represented as an area.

Source Interpretation Guidelines

All

See appendix 4.B for a listing of various reservations and equivalent attribute codes.

Graphic

N/A

Revision

N/A

090 0131 State Wildlife Area

This code identifies bounded land, administered by a State agency, that is primarily for wildlife management or preservation.

DELINEATION

The limit of a State Wildlife Area is the extent of jurisdictional authority.

DATA EXTRACTION

Capture Conditions

Capture all.

Attribute Information

The following parameter codes are always used in addition to 090 0105:

- 091 00-- State or State Equivalent FIPS Code
- 092 0--- County or County Equivalent FIPS Code

The following parameter codes are used in addition to 090 0105 if a civil township or equivalent is captured:

- 093 00-- Civil Township or Civil Township Equivalent FIPS Code, First Two Digits
- 094 0--- Civil Township or Civil Township Equivalent FIPS Code, Last Three Digits

Representation Conditions

A State Wildlife Area is always represented as an area.

Source Interpretation Guidelines

All

See appendix 4.B for a listing of various reservations and equivalent attribute codes.

A State Wildlife Area is also known by the following generics: conservation area, fish hatchery, game preserve, game refuge, hunting/fishing area, reserve, wild horse range, wildlife management area, wildlife range, wildlife refuge, wildlife research center, or wildlife sanctuary.

Standards for 1:24,000-Scale Digital Line Graphs-3 Core
Part 4: Boundaries

State Wildlife Area

Graphic

N/A

Revision

N/A

APPENDIX 4.A

Civil Divisions

Standards for 1:24,000-Scale Digital Line Graphs-3 Core
Part 4: Boundaries
Appendix 4.A - Civil Divisions

This appendix provides information on the civil divisions collected for each State or State equivalent. The first part of the appendix covers the 50 States and the District of Columbia, and the final page of the appendix covers the Outlying Areas of the United States, the Freely Associated States, and the Trust Territory.

Standards for 1:24,000-Scale Digital Line Graphs-3 Core
Part 4: Boundaries
Appendix 4.A - Civil Divisions

State (First Order)	County (Second Order)	Minor Civil Division (Third Order)	City (Incorporated Place)
Alabama	Counties		Cities, Towns
Alaska	Boroughs, the "unorganized borough" (not labeled)		Cities
Arizona	Counties		Cities, towns
Arkansas	Counties		Cities, towns
California	Counties		Cities, towns
Colorado	Counties		Cities, towns
Connecticut	Counties	Towns	Cities, boroughs ¹
Delaware	Counties		Cities, towns, villages
District of Columbia	District of Columbia (county equivalent)		
Florida	Counties		Cities, towns, villages
Georgia	Counties		Cities, towns
Hawaii	Counties	Districts	Honolulu
Idaho	Counties		Cities
Illinois	Counties	Townships ²	Cities, incorporated towns ¹ , villages
Indiana	Counties	Townships	Cities, towns ³
Iowa	Counties	Townships ²	Cities
Kansas	Counties	Townships	Cities ⁴

Standards for 1:24,000-Scale Digital Line Graphs-3 Core
Part 4: Boundaries
Appendix 4.A - Civil Divisions

State (First Order)	County (Second Order)	Minor Civil Division (Third Order)	City (Incorporated Place)
Kentucky	Counties		Cities
Louisiana	Parishes		Cities, towns, villages
Maine	Counties	Plantations, towns	Cities ⁵
Maryland	Counties, independent cities		Cities, towns, villages
Massachusetts	Counties	Towns	Cities ⁴
Michigan	Counties	Townships	Cities, villages ⁶
Minnesota	Counties	Townships ²	Cities ⁴
Mississippi	Counties		Cities, towns, villages
Missouri	Counties, independent cities	Townships ²	Cities, towns, villages ¹
Montana	Counties, Yellowstone National Park		Cities, towns
Nebraska	Counties	⁷	Cities, villages ³
Nevada	Counties, independent cities		Cities, towns
New Hampshire	Counties	Towns	Cities ⁴
New Jersey	Counties	Townships	Cities, towns, boroughs, villages ⁴
New Mexico	Counties		Cities, towns, villages
New York	Counties	Towns	Cities, villages ⁵

Standards for 1:24,000-Scale Digital Line Graphs-3 Core
Part 4: Boundaries
Appendix 4.A - Civil Divisions

State (First Order)	County (Second Order)	Minor Civil Division (Third Order)	City (Incorporated Place)
North Carolina	Counties		Cities, towns, villages
North Dakota	Counties	Townships ²	Cities ⁴
Ohio	Counties	Townships	Cities, villages ²
Oklahoma	Counties		Cities, towns
Oregon	Counties		Cities, towns
Pennsylvania	Counties	Boroughs, cities, one incorporated town, townships	
Rhode Island	Counties	Towns	Cities ⁴
South Carolina	Counties		Cities, towns
South Dakota	Counties	Townships ²	Cities, towns ⁴
Tennessee	Counties		Cities, towns
Texas	Counties		Cities, towns, villages
Utah	Counties		Cities, towns
Vermont	Counties	Towns	Cities, villages ³
Virginia	Counties, independent cities		Towns
Washington	Counties		Cities, towns
West Virginia	Counties	Districts ⁸	Cities, towns, villages
Wisconsin	Counties	Towns	Cities, villages ⁴

Standards for 1:24,000-Scale Digital Line Graphs-3 Core
Part 4: Boundaries
Appendix 4.A - Civil Divisions

State (First Order)	County (Second Order)	Minor Civil Division (Third Order)	City (Incorporated Place)
Wyoming	Counties		Cities, towns

1. In areas within the State where minor civil divisions exist, cities (incorporated places) can be either within or coextensive with the area of any minor civil division.
2. Minor civil divisions with active governments do not exist in all areas of the State.
3. In areas within the State where minor civil divisions exist, cities (incorporated places) are within the area of any minor civil division.
4. In areas within the State where minor civil divisions exist, cities (incorporated places) can be either within or exclusive of the area of any minor civil division.
5. Cities (incorporated places) are exclusive of the area of any minor civil division.
6. In areas within the State where minor civil divisions exist, cities (incorporated places) can be either within, exclusive of, or coextensive with the area of any minor civil division.
7. Although minor civil divisions with active governments exist in some areas of the State, they are not collected.
8. Although minor civil divisions in the State do not have active governments, they are collected.

Standards for 1:24,000-Scale Digital Line Graphs-3 Core
Part 4: Boundaries
Appendix 4.A - Civil Divisions

State (First Order)	County (Second Order)	Minor Civil Division (Third Order)
American Samoa	Districts and Islands	Counties
Federated States of Micronesia	States	Municipalities
Guam	Guam (county equivalent)	Municipalities
Marshall Islands	Municipalities	
Northern Mariana Islands	Municipalities	
Palau	States	
Puerto Rico	Municipios	
U.S. Minor Outlying Islands	Islands	
Virgin Islands of the United States	Islands	

APPENDIX 4.B

Various Reservations and Equivalent Attribute Codes

Standards for 1:24,000-Scale Digital Line Graphs-3 Core

Part 4: Boundaries

Appendix 4.B - Various Reservations and Equivalent Attribute Codes

The following listing of various reservations is intended to direct the user to the appropriate attribute code. No attempt has been made to present a complete or exhaustive list of reservations shown on USGS maps.

The listing is divided into three separate sections. The first lists national reservations, the second lists State reservations, and the third lists county reservations.

Standards for 1:24,000-Scale Digital Line Graphs-3 Core

Part 4: Boundaries

Appendix 4.B - Various Reservations and Equivalent Attribute Codes

National Reservation	DLG Code
Ammunition Depot	090 0108
Arsenal	090 0108
Battlefield	090 0103
Battlefield Park	090 0103
Battlefield Site	090 0103
Cemetery	090 0111
Conservation Area	090 0105
Coast Guard Base	090 0108
Corps of Engineers Area	090 0111
Department of Energy Area	090 0111
Experimental and Research Areas	090 0111
Fish Hatchery	090 0105
Forest	090 0104
Game Preserve	090 0105
Game Refuge	090 0105
Grassland	090 0104
Historical Park	090 0103
Historic Site	090 0103
Hospital	090 0111
Indian Reservation	090 0107
Lakeshore	090 0103
Memorial	090 0103
Military Airfield	090 0108
Monument	090 0103
Reserve	090 0105
Scenic Research Area	090 0111
Scenic River/Scenic Riverway	090 0106
Seashore	090 0103
Wilderness	090 0106
Wild and Scenic River	090 0106
Wild Horse Range	090 0105
Wildlife Management Area	090 0105
Wildlife Range	090 0105
Wildlife Refuge	090 0105
Wildlife Research Center	090 0105
Wildlife Sanctuary	090 0105
Zoo	090 0103

Standards for 1:24,000-Scale Digital Line Graphs-3 Core

Part 4: Boundaries

Appendix 4.B - Various Reservations and Equivalent Attribute Codes

State Reservation	DLG Code
Aquatic Preserve	090 0131
Cemetery	090 0129
Conservation Area	090 0131
Estuarine Sanctuary	090 0131
Fish and Wildlife Area	090 0131
Fish Hatchery	090 0131
Forest	090 0132
Game Land	090 0131
Game Management Area	090 0131
Game Preserve	090 0131
Game Refuge	090 0131
Historic Site	090 0129
Hospital	090 0129
Hunting and Fishing Area	090 0131
Indian Reservation	090 0129
Memorial	090 0130
National Guard Training Site	090 0108
Natural Area	090 0131
Natural Area Reserve	090 0131
Park	090 0130
Prison	090 0133
Recreation Area	090 0130
Wild and Scenic River/Waterway	090 0131
Wilderness	090 0131
Wildlife Management Area	090 0131
Wildlife Area/Preserve/Reserve	090 0131

Standards for 1:24,000-Scale Digital Line Graphs-3 Core

Part 4: Boundaries

Appendix 4.B - Various Reservations and Equivalent Attribute Codes

County Reservation	DLG Code
Cemetery	090 0134
Forest	090 0134
Game Preserve	090 0134
Game Refuge	090 0134
Hospital	090 0134
Park	090 0150
Recreation Area	090 0150